

CURRICULUM VITAE (2023)

Name

Margaret Flanigan

Education

- Postdoctoral Fellowship in Psychosomatic Medicine, University of Toronto, Canada
- Ph.D. (Physiology), University of the Witwatersrand Medical School, Johannesburg, South Africa.
- B.Sc. Honors (Biochemistry), University of Strathclyde, Glasgow, Scotland.

Current Academic Position

- Professor of Instruction for Psychology, and Director of Assessment, School of Behavioral and Brain Sciences

Previous Academic Positions

Ohio State University, College of Veterinary Medicine

- Outcomes and Assessment Coordinator
 - Curriculum mapping
 - Alignment of learning objectives to CBVE competencies and Entrustable Professional Activities
 - Exam writing
 - Programmatic assessment and evaluation
 - Faculty development and instructional design

Ohio University

Joint appointment as

- Associate Director for the Center for Teaching and Learning (CTL) within the Office of Instructional Innovation, (OII)
 - Designed, implemented, and coordinated multiple university workshops and colloquia
 - Designed and implemented [online modules in Teaching Excellence](#).
- And Professor of Instruction in the Heritage College of Osteopathic Medicine
 - Designed, implemented, and coordinated multiple university workshops and colloquia for medical faculty
 - Taught in first- and second-year Medical Program

University of Wyoming: Department of Zoology and Physiology,

- Senior Academic Professional Lecturer (Equivalent to Professor of Instruction) (2014-2019)
 - Lectured at all levels of physiology (freshman-graduate)
 - University of Washington WWAMI Medical School Instructor
 - Taught in the General Education program.
 - First-Year Seminar Coordinator and Faculty Developer
 - Programmatic Assessment Coordinator: Physiology, Wildlife and Fisheries Biology and Management, and Zoology BS degrees
 - Programmatic Assessment Coordinator: master's degree in Neuroscience
 - Programmatic Assessment Coordinator for the PhD programs in Zoology and Physiology, and Neuroscience
 - Faculty Senator
 - Academic and career advisor for physiology and pre-med majors
- Director, Ellbogen Center for Teaching and Learning (2011- 2015)
 - Directed the Center for Teaching and Learning staff
 - Designed, implemented, and coordinated multiple university workshops and colloquia
 - Designed, fundraised for, and implemented the Summer Faculty Institute

- Oversaw selection of and training for new Learning Management System (Canvas)
 - University of Wyoming Assessment Coordinators Council
 - Member of the President's Council of Deans and Directors
 - Promoted to Senior Academic Professional Lecturer, 2014
 - Academic and career advisor for physiology and pre-med majors
 - Taught upper division courses in Physiology
- Associate Academic Professional Lecturer (2008-2013)
 - Lectured at all levels of Physiology degree from undergraduate to graduate level
 - Development and assessment of the foundation and capstone courses in Physiology
 - Programmatic assessment of the Physiology, Wildlife and Fisheries Biology and Management, and Zoology BS degrees
 - Assessment Coordinator for the master's degree in Neuroscience
 - Assessment Coordinator for the PhD programs in Zoology and Physiology, and Neuroscience
 - College of Arts and Sciences Faculty Mentor for Teaching
 - Academic and career advisor for physiology and pre-med majors
- Assistant Academic Professional Lecturer (2003-2007)
 - Helped to design the learning outcomes and activities for a new degree: BS Physiology
 - Designed, developed, and taught at all levels of the physiology degree program
 - Taught Biological Psychology (Department of Psychology)
 - Course and programmatic assessment of the physiology degree
 - Academic and career advisor for physiology and pre-med majors
 - College of Arts and Sciences Faculty Mentor for Teaching (2003-2006)
- Post-doctoral Fellow, Department of Psychiatry, University of Toronto, Canada (1992-1993)
- Research Assistant and Doctoral Student (P/T) Department of Physiology, University of the Witwatersrand, Johannesburg, South Africa (1986-1991)

Previous Clinical Positions

- Clinical Polysomnographer for MedTech Services, Toronto, Canada (P/T), 1999-2001
- Clinical Scientist, Department of Respiratory Support and Sleep Medicine, Papworth Hospital, Papworth Everard, Cambridge CB3 8RE, England, 1994-1997
- Clinical Polysomnographic Technologist, Center for Sleep and Chronobiology, University of Toronto, Ontario, Canada, 1992 -1993
- Research Biochemist (temporary), Department of Haematology, Glasgow Royal Infirmary, Scotland, 1984

Other Clinical Experience

- Workshop facilitator for patients addicted to sleeping aids (Toronto)
- Employed by Dr John Shneerson, Respiratory Consultant (RSSC, Papworth Hospital, Cambridge, England)) to edit and proofread "Handbook of Sleep Medicine", Blackwell Science.
- Sleep Disorders Consultant, Cheddar Medical Center, Cheddar, Somerset, England (voluntary, P/T)

Faculty Development and Leadership

Ohio University Heritage College of Osteopathic Medicine

- Designed and implemented a series of faculty/educational development workshops
- Co-Lead on the HCOM Exam and Assessment Team:
 - Crafted a Summary of How to Write Questions in NBOME Style
 - Evaluated Faculty Exams; provided specific feedback to authors, making reference to NBOME guidelines.
- Focus group member on how to facilitate effective small groups in the online environment

- Member of the Curriculum Inventory Committee

Ohio University CTL/OII: Presentation of Campus-Wide Symposia and Workshops

Design, Development, Implementation and Facilitation of Campus-Wide:

- “How to Put Your Course Online in a Hurry” (8 offerings)
- Introduction to Online Teaching: Developing Goals and Outcomes for your Online Course (8)
- Adapting a Classroom Discussion Assignment for the Online Environment
- Transitioning to a Fully Online Course
- Using Backwards Design to Plan Your Course
- Encouraging Community and Interaction in Your Online Class
- Promoting Learning by Flipping the Classroom
- Writing Good Multiple-Choice Questions
- Designing Questions That Target Higher-Order Thinking Skills
- Creating Authentic Assessments (x2)
- Summer Workshop Series (week-long) on Online Teaching for the College of Fine Arts
- Summer Workshop Series (week-long) on Online Teaching for the Patton College of Education
- Summer Workshop Series (week-long) on Online Teaching for Graduate Teaching Assistants
- Effective Asynchronous Online Teaching (x2)
- Creating Presence and Engagement in Online Courses (x2)
- Tips for Engaging Large Enrollment Classes Online (x2)
- Planning Effective Discussions in Face-to-Face and Online Classes
- “How Learning Works – 7 Research-Based Principles for Smart Teaching
- Course and Programmatic Assessment of Student Learning Outcomes
- Facilitated a Panel Presentation on Universal Design for Learning
- CTL Consultant for the Inclusive Pedagogy Academy

UW Director of the Ellbogen Center for Teaching & Learning

Design, Development, Implementation, Presentation and Facilitation of: Campus-Wide Symposia and Workshops

- Honors College Curriculum Development and Assessment Forum series, September 2018 (Dec2018 -Jan 2019)
- UW Fall Forum on the First Year Seminar (FYS), 2018
- UW FYS Fall Assessment of Learning Forum, Fall 2017
- UW FYS Pilot group Workshop – Using Incoming Freshmen Data to Support Success, Fall 2017
- UW FYS Spring Colloquium, May 2016
- UW FYS Fall Forum, August 2017
- UW First Year Seminar – Professional Development workshops, 2015-2017
- UW John P. Ellbogen Summer Faculty Institute: Designing Your First-Year Seminar, May 19-22, 2014
- UW John P. Ellbogen Summer Faculty Institute: “Blended Learning”, June 3-6, 2013
- UW “e-Volution: Teaching with Technology” (co-sponsored with Outreach and Libraries), October 2012
- UW “Technology Bootcamp” (co-sponsored with Outreach TIE program), July 2012
- UW Spring Colloquium “Beyond the Hype”: Teaching Critical Thinking Skills in the 21st Century”, May 2012
- UW “Assessment of Student Learning”, November 2011(co-sponsored with Office of Academic Affairs)
- UW “e-Volution: Teaching with Technology”, October 2011(co-sponsored with Outreach and Libraries)
- ECTL New Faculty Instructor Series, June 2011 – January 2015
- New Graduate Instructor Series, June 2011 – January 2015

Teaching Experience

Ohio State University, College of Veterinary Medicine

- VM6615 Communications

Ohio University Heritage College of Osteopathic Medicine

- OCOM 6003 Wellness (endocrine, cardiovascular)
- OCOM 6004 Acute Illness (cardiovascular, renal)

- OCOM 7003 Chronic Illness Small (cardiovascular, respiratory)
- OCOM 7004 Return to Wellness (sleep disorders)

University of Wyoming (Courses taught between 2003 and 2019 - multiple iterations)

- ZOO/KIN 2110 Human Physiology
- PSYCH 2080 Biological Psychology
- ZOO/KIN 3115 Human Systems Physiology
- ZOO 3120 Integrative Physiology
- ZOO 4125 Integrative Physiology
- ZOO 4100 Writing in Zoology
- ZOO 4101 Communication in the Biological Sciences
- ZOO 1001 First-Year Seminar
- ZOO 5900 Graduate Teaching
- ZOO 4735 Advanced Topics in Physiology (Sleep and Mental Health)
- HP 4974 Honors Program Capstone Course
- University of Washington (WWAMI) Medical Education (Circulatory Systems, Respiratory Systems)

Professional Clinical Teaching Experience

- Topic: Sleep Disorders: Educational series for Nursing Staff at Papworth Hospital, Cambridge, England, as required, 1994-1997
- Topic: Sleep and Common Sleep Disorders. To Senior House Officers and Residents in the Respiratory Support and Sleep Centre, Papworth Hospital, Cambridge, England, every new medical rotation during 1994-1997
- Topic: Non-respiratory sleep disorders. To Respiratory Technologists, Michener Institute, Toronto, Canada, April 1993
- Topic: The physiology of sleep. To first year medical students, University of Toronto, Canada, 1992

Invited Lectures

- Identification and Treatment of Sleep Disorders in the Elderly, High Plains Medical Center, Laramie, March 2012
- Annual invitation to lecture to WWAMI students (UW) on Sleep Disorders and their treatments (2008- 2019)
- Two lectures (Acid-Base Balance; Bioethics in the 21st Century) to students in the Department of Anatomy and Physiology, Fort Belknap College, Montana, April 2007.
- The Neurophysiological Basis of Sleep. Presented to: Department of Pharmacology, University of Saskatoon, Saskatchewan, May 1993
- 5) Normal Sleep and Insomnia. A series of weekly educational lectures to patients at the Sleep Disorders Center of Metropolitan Toronto, October and November 1993
- 6) Continuing Medical Education Series (sponsored by Rhone-Poulenc Rorer, Canada), entitled “The Function of Sleep and the Management of Insomnia”. Presented to:
 - Department of Psychiatry, University of British Columbia, Canada, March 1992
 - Department of Psychiatry, Riverview Hospital, Coquitlam, BC, Canada, March 1992
 - Family Physicians, New Westminster, BC, Canada, March 1992
 - Department of Psychiatry, University of Calgary, Alberta, Canada, March 1992
 - Family Physicians, North York, Ontario, Canada, April 1993
 - Family Physicians, Saskatoon, Saskatchewan, Canada, October 1993

Dissemination

Refereed Journal Articles:

- **Flanigan** Skinner, M, Katz Prager, E (2015). Strategic Partnerships: leveraging the center for teaching and learning to garner support for the assessment of student learning. *Assessment Update: Volume 27, Issue 3*, pages 4-13, May/June 2015
- Brownlee K, Devins GM, **Flanigan M**, Fleming JA, Morehouse R, Moscovitch A, Plamondon J, Reinish L, Shapiro CM. Are there gender differences in the prescribing of hypnotic medication for insomnia. *Human Psychopharmacology* 2003 Jan 18(1): 69-73

- Shapiro CM, **Flanigan M**, Fleming JA, Morehouse P, Moscovitch A, Plamandon J, Reinish L, Devins G. Development of an adjective checklist to measure 5 FACES of fatigue and sleepiness. Data from a national survey. *J Psychosomatic Res.* (2002) 52(6): 467-73.
- Morehouse RL, **Flanigan M**, MacDonald DD, Braha D. Depression and short REM latency in subjects with chronic fatigue syndrome. *Psychosomatic Med.* (1998), 60(3): 347-51
- **Flanigan MJ**, Morehouse R, Shapiro CM. Determination of observer-rated alpha activity during sleep. *Sleep* (1995), 18(8): 702-6.
- Driver HS, **Flanigan MJ**, Bentley AJ, Luus HG, Shapiro CM, Mitchell D. The influence of ipsapirone, a 5HT1A agonist on sleep patterns in healthy subjects. *Psychopharmacology* 1995. 117(2); 186-92
- Shapiro CM, **Flanigan MJ**. The Function of Sleep. *BMJ* (1993), 306 (6874): 383-5
- **Flanigan MJ**. An Overview of Sleep Disorders. In: Flanigan MF, ed, *Journal of the Society of Obstetrics and Gynaecology (Canada) Supplement*, Ribosome Publications, Toronto, 1992
- **Flanigan MJ**, Accone Q, Laburn HP. Amitriptyline attenuates the febrile response to a pyrogen in rabbits. *J Basic and Clin Physiol Pharmacol* 1992 3(1): 19-32

Book Chapters

- **Flanigan MJ**, Shapiro CM. MAOIs and Sleep. In: Kennedy S, ed, *Clinical Advances in Monoamine Oxidase Inhibitor Therapies*. pp125-146, 1994
- CM Shapiro, **MJ Flanigan** The restorative theory of sleep. In: Shapiro CM, ed, *The ABC of Sleep*, BMJ Books, London, pp 5-7,1993
- **Flanigan MJ**, Shapiro CM. The Dangers of Sleep. In: Shapiro CM, *Sleep Solutions Manual*, pp60-76, Rhone-Poulenc Rorer, 1992

Editor-in-Chief

Journal of the Society of Obstetrics and Gynaecology (Canada). “Dealing with Sleep Disorders: A Female Health Perspective for Family Physicians”, September 1993. Ribosome Pubs, Toronto.

Professional Responsibilities

- Journal article reviewer for *Medical Science Educator*
- Conference proposal reviewer for IAMSE
- Conference proposal reviewer for the Annual Conference on the First-Year Experience

Conference Presentations:

- Chris Vinyard, Lindsey Allison, Chris Keener, Meghan Trout, **Margaret Flanigan**, Leah Sheridan, Tracy Shaub, Scott Rogers, Jody Gerome, Mari Hopper. Development of Keywords Describing an Integrated, Case-Based Curriculum at an Osteopathic Medical School. , IAMSE Meeting, Cancun, 2023
- **Flanigan-Skinner, M.**, Prager, E., Drain, D., Haynes A., Light, G., and Stein, B. “Engaging Faculty in Assessing and Improving Students’ Critical Thinking.” 2013 International Society for the Scholarship of Teaching and Learning Annual Conference, Raleigh, NC – October 2013.
- Stein B, Haynes A, **Flanigan Skinner M**, Prager E: Using the CAT Test in Engaging Faculty in the Assessment and Improvement of Critical Thinking Skills. Reinvention Center National Conference, Arlington, VA., November 2012
- **Prager, EK, Flanigan-Skinner, MJ.** Assessing critical thinking using the Critical Thinking Assessment Test (CAT). RMAIR, Laramie WY. October 2012
- **Flanigan-Skinner MJ.** A “No-points” tutorial for the development of critical thinking skills. Lilly Conference, Traverse City, MI, October 2012
- **Flanigan MJ**, Morehouse RL, Sloan EP, Shapiro CM. Sleep EEG montage and the detection of observer-rated alpha. *The Cellular Consequences of Sleep*, World Federation of Sleep Research Societies, Hawaii, 1993.
- MacFarlane JG, Dumov I, Lue F, Maclean A, Shapiro, C, **Flanigan M**. Comparison of the precision and accuracy of three temperature recording devices. *Sleep Research Society Meeting*, Phoenix, Arizona, 1992
- **Flanigan MJ**, Driver H, Bentley A, Luus H, Shapiro C, Mitchell D. Ipsapirone does not affect nocturnal temperature in normal subjects. *Inaugural Meeting of the World Federation of Sleep Research Societies*, Cannes, France 1991

- **Flanigan MJ**, Smit L, Driver H, Shapiro C, Laburn H. Does amitriptyline affect the sleep and nocturnal temperature in normal, healthy subjects? 10th Meeting of the European Sleep Research Society, Strasbourg, France, 1990
- **Flanigan MJ**, Accone Q, Laburn HP. Amitriptyline attenuates the febrile response to a pyrogen in rabbits. 7th International Symposium on the Pharmacology of Thermoregulation, Odense, 198

Teaching, Advising and Service Awards

- University of Wyoming Cap and Gown Chapter of Mortar Board “Top Prof, 2018”
- University of Wyoming, Promoting Intellectual Engagement (PIE) Award, 2018
- University of Wyoming Cap and Gown Chapter of Mortar Board “Top Prof, 2017”
- National Association of College and University Residence Halls (NACURH). University of Wyoming Campus Faculty of the Month Winner, September 2017
- Department of Zoology and Physiology, “T. S. Harris, M.D., Faculty Award”, for most influential faculty member, 2017
- University of Wyoming Cap and Gown Chapter of Mortar Board “Top Prof, 2016” (2 awards)
- College of Arts and Sciences Student Council “Thumbs Up Award”, 2015
- UW Cap and Gown Chapter of Mortar Board Outstanding Advisor Award, 2014
- College of Arts and Sciences Extraordinary Merit in Advising Award, 2012
- University of Wyoming Cap and Gown Chapter of Mortar Board “Top Prof, 2012” (2 awards)
- College of Arts and Sciences Student Council “Thumbs- Up Award”, 2012
- UW John P. Ellbogen Meritorious Classroom Teaching Award (UW’s Top Teaching Award) 2011
- College of Arts and Sciences “Top Ten Teacher” Award, 2011
- UDSS, SEO, University of Wyoming “Going the Extra Mile” Award, 2011
- University of Wyoming Cap and Gown Chapter of Mortar Board “Top Prof, 2010”
- College of Arts and Sciences” Top Ten Teacher” Award, 2010
- UW Cap and Gown Chapter of Mortar Board “Top Prof”, 2009”
- UW Alumni Association and Student Alumni Association’s Outstanding Faculty Award, 2009.
- The Associated Parents of the University of Wyoming “James C. Hurst Each Student – A Person Award”, 2009
- College of Arts and Sciences Student Council, “Thumbs Up Award”, April 2009
- College of Arts and Sciences, “Extraordinary Merit in Teaching Award”, 2008
- College of Arts and Sciences Student Council, “Thumbs-up Award”, November 2008
- UW Cap and Gown Chapter of Mortar Board “Top Prof, 2007”
- Department of Zoology and Physiology, “T. S. Harris, M.D., Faculty Teaching Award”, 2007
- UW Cap and Gown Chapter of Mortar Board “Tip of the Cap Award, 2007”
- UW Cap and Gown Chapter of Mortar Board “Top Prof, 2005”

Service and Administration

Ohio University: Center for Teaching and Learning, Office of Instructional Innovation

- Member of the “Consistent Student Experience” Team (OII, OIT and Libraries). Recommendations to the Office of the Provost
- CTL Mentor for the Inclusive Pedagogy Academy (May-Dec, 2020)
- Ohio University Teaching, Learning and Assessment Committee
 - Sub-group organizing the Spotlight on Teaching Conference
- Creating self-paced modules for a Certificate in College Teaching Excellence
- One of the founding members of the OHIO Consortium (a group of State-wide CTLs coming together to create and share educational resources for faculty)

University of Wyoming

Departmental Service

- Physiology Degree Stewardship Committee (2006 – 2011; 2015-2019)
- Zoology Curriculum Committee (2009 – 2011)
- Wildlife and Fisheries Biology and Management Committee (2009 – 2011)

- Comparative Physiologist Faculty Search Committee (Fall 2007 – Spring 2008)
- Gardner Chair in Physiology Faculty Search Committee (Spring 2009 and Fall 2009)
- Gardner Assistant Professor Search Committee, Spring 2010
- Gardner Assistant Professor Search Committee, Fall 2010
- LIFE APL Search Committee, Fall 2010
- Assessment Coordinator for the Physiology Curriculum (2006 – 2011)
- Assessment coordinator for Physiology, Zoology, WFBM and ZOO graduate degrees (2015-present)
- Represent the Department at Discovery Days, Campus Pass, etc,
- Sensory Biology Search Committee, Spring 2019

College Service

- College of Arts and Sciences Tenure and Promotion Committee, 2017-2020
- External member, Statistics Faculty Search Committee (2012)
- A&S Faculty Speaker at Discovery Days, 2011
- External member, Theatre and Dance Faculty Search Committee (Technical Director),
- Life Sciences 1010 General Biology Stewardship Committee (2009 – 2011);
- Life Sciences 2022 Animal Biology Stewardship Committee (2008 – 2011; Chair since 2009)
- College of Arts and Sciences Teaching Committee (Fall 2009; 3-year term)
- A&S Faculty Speaker at Discovery Days, 2009

University Service

- President's Salary Task Force (2017- 2019)
- Co-Curricular (SOAR) Transcript Committee (2017-2019)
- Honors College Assessment Coordinator (2018 – 2019)
- First-Year Seminar Coordinator (2015-2019)
- University Train the Trainer and facilitator for the Critical Thinking Assessment Test, (2012- 2019)
- University Studies Program Committee, ex officio, (2015-2019)
- Faculty Senator, (2015-2019)
- FYS Steering Committee (2015-2018)
- UW Onboarding and Orientation Advisory Group (2017)
- Honors College Steering Committee (2016)
- Co-chair of the Assessment Academy (ECTL/Academic Affairs, 2011-2015)
- UW Faculty Speaker at Cowboy Connect (previously known as Summit). August 2014, 2015
- UW Freshman Orientation Speaker: "Achieving Academic Success", 2011, 2012, 2013
- UW Faculty volunteer for Summit "Sneak Peek", 2011 2012
- Dean of Outreach School, Search Committee, 2013
- Member of ACE Internationalization Campus Climate Sub-Committee, 2012
- University Assessment Coordinators (2011- 2015)
- Search Committee Member for Associate Director of the Student Union (2012)
- Summit Transition Program (2011- 2015)
- Critical Thinking Assessment Test Scorer (2011-2019)
- UW Lifesavers Coalition (2011-2019)
- Scientific Review Committee for Wyoming State Science Fair (from Spring 2010 -2012)
- UW Gold Judge, Sept. 2010
- Student Transitions and Success Team of Enrollment Management (Improving Advising and Improvement of Student Retention at UW), (2010 – 2015)
- Tobin/Spitaleri Outstanding UW Graduate Selection Committee (2011 - 2013)
- University USP Committee (includes 5 sub-committees), Spring 2008.
- External Graduate Committee member for Masters Student, (Joi Thomas, Kinesiology, Fall 2011-2014)
- External Graduate Committee member for Master Student (Tyler Felton, Kinesiology, 2012)
- External Graduate Committee member for Ph.D. Student (Jason Tyser, Psychology, 2014)
- External Graduate Committee member for Ph.D. Student (Angela Garfield, Education, 2014)

- External Graduate Committee member for Master Student (Derek Livingston, Kinesiology, 2014)

Personal Professional Development Related to Teaching, Learning, and Assessment

Ohio University

- Journal Reviewer for Medical Science Educator
- Best Teachers Institute, Jan – May 2020 (Remote)
- Attended the Arizona State Remote Teaching Conference, August 2020
- Attended the Professional and Organizational Development Conference (for Faculty Developers), Nov 2020 (Virtual)
- Implicit Bias Training
- Diversity and Inclusion Training
- NBOME Exam Questions Training
- HCOM Office of Inclusion Seminars on Medical Bias, Allyship, Ant-Racism
 - Read: Just Mercy, Bryan Stephenson
 - The New Jim Crow, Michelle Alexander
 - So You Want to Talk About Race, Ijeoma Oluo
 - The Hate U Give, Angie Thomas
 - Watched: 13th and others
 - Interrupting the isms

University of Wyoming

- Proposal Reviewer for the Annual Conference on The First-Year Experience, 2014, 2015, 2016, 2017, 2018, 2019
- Attended the 33rd Annual Conference on the First Year Experience, San Diego, Feb, 2015
- Attended the Team-Based Learning Collaborative Workshop, Florida, March 2012
- Attended the Engaged Faculty Institute, University of Northern Colorado, February 2012
- Attended a Train-The-Trainer Workshop for facilitating the scoring of the Critical Thinking Assessment Test (CAT), Boston, November 2011
- Attended the International Institute for New Faculty Developers, Kennesaw State University, June 2011
- Attended the ECTL Colloquium on Teaching and Learning: Designs for Learning, University of Wyoming, May 17-19, 2010
- Attended the Wyoming School-University Partnership Conference, Nov 2010
- Awarded an Assessment Grant from the Office of the Registrar to evaluate quantitative reasoning skills across the Physiology Degree. January 2009
- Workshop Co- Organizer (with Ken Gerow, Margaret Wilson and Meg Van Baalen–Wood) of ‘Revisiting ReVisioning’ presented at ‘Teaching Creativity – a conference on designing new pedagogical models for 21st century education’, University of Wyoming, February 24-26th, 2009
- Attended the University of Wyoming 2008 Fall Forum on Teaching and Assessment, October 20-22, 2008.
- Invited Panel Member for ‘The Scientific Literacy Initiative’ at ‘The Obligation of Knowledge’ Fall Forum on Learning and Assessment, University of Wyoming, October 2008.
- Attended the Wyoming School-University Partnership, Fall Strand Conference at the University of Wyoming, October 2008.
- Workshop Organizer/Chair, with Ken Gerow, at ‘ReVisioning the (W)hole II: Curiosity, Creativity and Collaboration’, Workshop entitled ‘Are We Affective Teachers...and, nope, it’s not a spelling error...’ University of Wyoming, September 2008
- Team leader for Assessment of the Affective Domain (‘Assessing student science attitudes and understanding: A first step to improving scientific literacy’). Part of the UW Scientific Literacy Initiative. (September 2008-2009)
- Member of the STEM (Science, Technology, Engineering and Mathematics) taskforce for the improvement of Scientific Literacy: Spring 2008
- Presented two departmental seminars on the ‘Assessment of Student Learning’ in the Department of Zoology and Physiology, January and April 2008.

- Workshop Organizer/Chair: Encouraging Student Retention of Information Across and Beyond the Life Sciences Program, University of Wyoming, November 2007. Attended by Faculty from the Life Sciences & Physiology degree curriculum. Supported by the Office of the Registrar, Assessment Grant 2007.
- Participated in the High School to Higher Education Transition Regional Summit, Gillette, November 2007.
- Participated in the ECTL-sponsored “Pathways to Learning Series”, and the Wyoming School-University Partnership Colloquium, October 2007.
- I participated in the High School to Higher Education Transition Regional Summit, Worland, October, 2007.
- Awarded an Assessment Grant from the Office of Academic Affairs (2007) to assess “Student attitudes and expectations to Learning.” This is a joint project, carried out with Dr Mark Lyford (Director of the Life Sciences Program).
- Participated in an Undergraduate Assessment Symposium, University of North Carolina, April 2007.
- Participated in the High School to Higher Education Science Transitions Summit II (Feb 2007)
- Invited to Fort Belknap College, Montana, as an external advisor for assessment of their Physiology Program, April 2007
- Workshop for Faculty at Fort Belknap College on improving student engagement in science classes.
- Attended 3 workshops organized by the ECTL (Encouraging Writing; UW Survey Tool; Choosing Civility) during the Spring semester, 2007
- Invited to run a workshop entitled “Lecture Notes/Student Notes” at the Ellbogen Center for Teaching and Learning, as part of the New Faculty and Lecturer Series (2006)
- Participated in the ECTL-sponsored colloquium “Expanding the Boundaries of Student Learning”, at the UW Campus (2006).
- Awarded an Assessment Grant from the Office of Academic Affairs (2006) to assess alignment of goals and objectives within the physiology curriculum. I continue to collaborate with the curriculum committees of Nursing, Pharmacy and Kinesiology.
- Invited to run a workshop entitled “Teaching Large Classes” at the ECTL as part of the New Faculty and Lecturer Series (Fall, 2004).

Grants

Secured a \$250 000 endowment to develop a Summer Institute for Faculty Development at the University of Wyoming (2012).

Advising

- Academic Advising for 35 students (pre-medical, pre-dental, pre-optometry)
- UW Recruitment and Retention Special Lecturer
- Faculty Advisor for the National Honors Society Alpha Epsilon Delta (2016-2017)
- Faculty Advisor for the RSO, FaceAIDS (2008-2011). Winner of the Outstanding RSO, 2009
- Department of Zoology and Physiology Transfer Advisor, April 2008.